

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2929	((228/180,21,230) or (219/388,681)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/21 17:02
L3	0	1 and ((reflow\$3) and solder\$3 and (pre\$1heat\$3) near (zone or section) and (solder\$3 or reflow\$3) near (zone or section) and (volume near flow\$3) with (gas or air or fluid) with (higher or larger) and (cooling) and convection and (both sides or top "and" bottom)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 17:07
L4	0	1 and ((reflow\$3) and solder\$3 and (pre\$1heat\$3) near (zone or section) and (solder\$3 or reflow\$3) near (zone or section) and (volume near flow\$3) with (gas or air or fluid) with (higher or larger) and (cooling) and convection and (both sides or top "and" bottom)).clm.	USPAT	ADJ	ON	2009/04/21 17:08
S2	2	"20080061116"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 14:49
S3	7	"6005224"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 14:57
S4	20	("5180096"   "5180898"   "5259546"   "5338008"   "5345061"   "5440101"   "5573688"   "5683242"   "5934178"   "6005224"   "6049066"   "6131411"   "6320165"   "6323462"). PN. OR ("6005224"   "6437289").URFN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 14:57

S5	43	("4448578"   "4565917"   "4580716"   "4654502"   "4698774"   "4771929"   "4832249"   "4833301"   "4876437"   "4909430"   "4912857"   "4938410"   "5003160"   "5069380"   "5090651"   "5125556"   "5141147"   "5145100"   "5203487"   "5440101"). PN. OR ("5573688"). UFPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 15:21
S6	59	S4 or S5	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 15:22
S7	40	S6 and gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 15:23
S8	7	"5553768"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:02
S9	0	EP-0279604-\$ did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:10
S10	0	EP-279604-\$ did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:11
S11	23	"4600137"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:17
S12	6	"6005224"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:29
S13	8	("5180898"   "5934178"   "6005224"   "6049066"   "6131411"   "6320165"   "6323462"). PN. OR ("6437289"). UFPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:31
S14	22902	(sequential\$4) with heat \$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:32
S15	873	S14 with (oven or furnace)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:32
S16	577	S15 and (gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:32
S17	45	S15 and (gas) same convect\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:32
S18	577	S15 and (gas)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:34
S19	44	S18 and (reflow\$3 or solder\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:34
S20	0	(228/180 2) CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 16:39
S21	101	(228/230) CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 16:40
S22	1685	(219/388) CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 16:43

S23	21	(hans near1 bell).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 16:49
S24	17	("3904102"   "4077467"   "4264299"   "4321031"   "4327271"   "4389797"   "4392049"   "4589956"   "4612712"   "4762264"   "4801069"   "4802276"   "4840305"   "4909429"   "4909430"   "6015966"   "6116497").PN. OR ("2002/0007565"   "6484926").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 16:54
S25	6	"6005224"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 17:03
S26	22	("4771929"   "4775776"   "5003160"   "5232145"   "5260548"   "5370531"   "5413164"   "5439160"   "5443382"   "5515605"   "5560533"   "5562243"   "5579981"   "5647529"   "5797539"   "5971249"   "6005224"   "6106281"   "6135344"   "6206265"   "6231229"   "6347757"). PN. OR ("6619531"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/31 17:04
S27	946	(228/180.21).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 17:12
S28	207	(219/681).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 17:15
S29	1621	(219/400).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/31 17:15
S30	1289	S29 and (gas or fluid or air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 17:15
S31	47	S30 and (solder\$3 or reflow\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 17:15

S32	162	(reflow\$3 same solder\$3) and (convey\$4 or continuous or moving or movable) with (furnace or heater or oven) and convection and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 17:23
S33	215	(reflow\$3 same solder\$3) and (convey\$4 or continuous or moving or movable) with (furnace or heater or oven) and convection and (fluid or air or gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/31 17:23
S34	21	"5232145"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/01 09:14
S35	27	("1949716"   "4565917"   "4771921"   "4909430"   "4938410"   "4972988"   "5069380").PN. OR ("5232145").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 09:31
S36	49	("3756489"   "3882596"   "3904102"   "4238186"   "4294395"   "4519854"   "4565917"   "4832249"   "4876437"   "4909430"   "4915624"   "4938410"   "4997364"   "5051339"   "5141147"   "5147083"   "5232145"   "5242096"   "5259545"   "5356066"   "5373893"   "5397997"   "5405074"   "5433368"   "5440101"   "5705850"   "5722869").PN. OR ("5069380"   "6039236").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 09:42
S37	49	S36 and (gas or fluid or air)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 09:43

S38	31	("3543532"   "3625133"   "4321031"   "4696226"   "4726506"   "4823680"   "4951401"   "5031818"   "5069380"   "5090651"   "5125556"   "5294036"   "5345061"   "5356066"   "5405074"   "5481087"   "5573688"   "5579981"   "5611476"   "5795146"   "5993500"   "6120585"   "6146448"   "6193774"   "6283748"   "6382500"   "6576030").PN. OR ("6780225").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 09:45
S39	1	"20020146657"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 09:46
S40	22	(reflow\$3) with (oven or furnace or chamber) and (volume with (gas or air or fluid)) with (varies or vary or change or changing)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 10:08
S41	0	("2002/0146657").URPN.	USPAT	ADJ	ON	2009/04/01 10:08
S42	2	(multiple or multi) with (reflow\$3) with (zone or compartment) and (volume with (gas or air or fluid))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 10:09
S43	31	("3639142"   "4682563"   "5181648"   "5192582"   "5345061"   "5374331"   "5388327"   "5433368"   "5440101"   "5492265"   "5524810"   "5553633"   "5599398"   "5611476"   "5632813"   "5722581"   "5814789"   "5873449"   "5922230"   "5993500"   "6015966").PN. OR ("6354481").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/01 10:11
S44	5	(reflow\$3) with (oven or chamber or heater) same2 (gas or air) with (flow\$3 or pressur\$4) with (damag \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 16:36

S45	169	(reflow\$3) with (oven or chamber or heater) same2 (gas or air) with (control \$4 or chang\$3) with (flow \$3 or pressur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 16:37
S46	1	"10577680"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/20 16:56
S47	151	(reflow\$3) same (gaseous or gas or air) with (flow\$3 or input\$4 or volume or pressure or pressuring or pressuriz\$3) same (damag \$4 or burn\$3 or over \$1heat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 09:11
S48	0	(reflow\$3) with (chamber or oven or heater) same (velocity or flow\$3 or input \$4) with (gaseous or gas or air or fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 10:36
S49	429	(reflow\$3) with (chamber or oven or heater) same (velocity or flow\$3 or input \$4) with (gaseous or gas or air or fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 10:37
S50	78	S49 same2 (damag\$3 or over\$1heat\$3 or burn\$3 or warp\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/04/21 10:38

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